Name:

ET_1021 version 12

Consider the *L*-system (and angle) defined below:

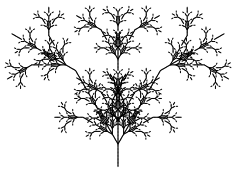
- Start: `A------A`
- Rules:
  `A > [---B][-B][+B][+++B]`
  `B > BD[++DA][--DA]B`
  `D > DD`

- Number of recursions (number of iterations): 5
- Angle: 30°

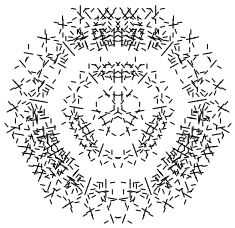
Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- https://scratch.mit.edu/projects/1225522722/editor/

A

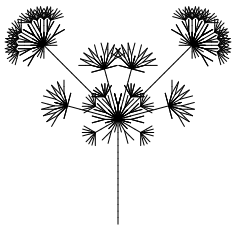


B

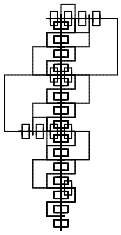


C

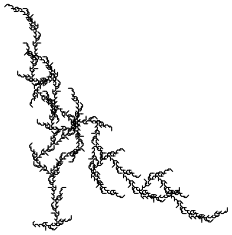
D



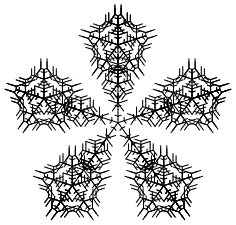
E



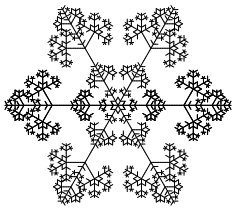
F



G



H



I

Which pattern is created?

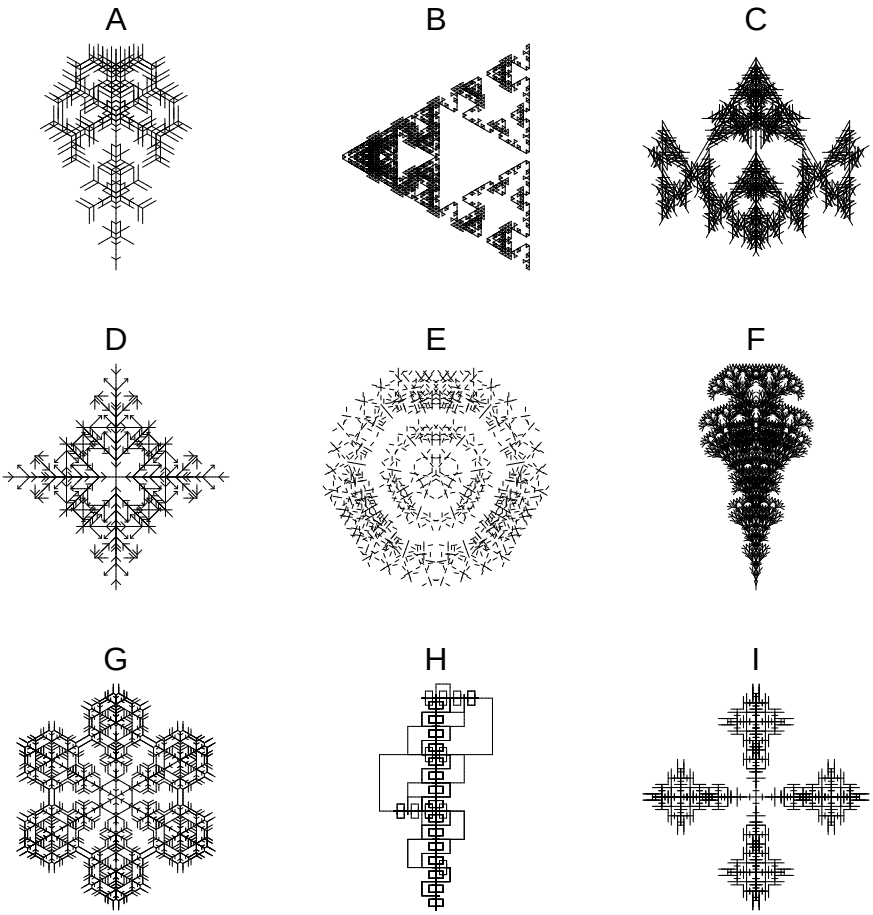
H

Consider the L-system (and angle) defined below:

- Start: `[A]+[A]+[A]+[A]+[A]+[A]`
- Rules:
  ```
  A > AA[-B][+B]B
  B > [-ABC][+ABC]
  C > A[-CB][+CB]
  ```
- Number of recursions (number of iterations): 4
- Angle: 60°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- https://scratch.mit.edu/projects/1225522722/editor/



Which pattern is created?

G